

Customer No.: 31561
Application No.: 10/605,012
Docket No.: 10320-US-PA

REMARKS

Present Status of Application

Claims 1-12 remain pending in the application. The Office Action mailed February 20, 2004, further pointed out that claims 3 and 12 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. The Office Action objected drawings and the specification, while claims 1, 7, 11 and 12 were objected for informalities. Claims 1, 4, 5, 7 and 10 were rejected under 35 USC§102(e) as being anticipated by Ference et al. (US Publication No. 2002/0070438). Claims 7 and 9 were rejected under 35 USC§102(e) as being anticipated by Hirashima et al. (US Patent No. 6,400,019). Claims 2, 8 and 11 were rejected under 35 USC§103(a) as being unpatentable over Ference. Claim 6 was rejected under 35 USC§103(a) as being unpatentable over Ference and further in view of Iseki et al. (US Patent No. 5,818,113).

Claims 1 and 10 have been amended to include the limitations of claims 3 and 12 respectively, while claims 3 and 12 have been cancelled. The drawings and the title of the specification have been amended. No new matter has been added to the application by the amendments made to the claims. This Amendment is promptly filed to place the above-captioned case in condition for allowance. After entering the amendments, a notice of allowance is respectfully solicited.

Discussions of objections

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The Office Action objected the drawings for lacking the legends "Prior Art" and the title for not descriptive.

Figures 1 and 2 have been amended and enclosed. Submitted for the Examiner's approval are proposed drawing changes, with the corrections indicated in red ink and revised formal drawing will be submitted in compliance with U.S. Patent and Trademark Office Guidelines, upon allowance of the present application.

The title has been amended for clarification purposes.

The Office Action objected claims 1, 7, 11 and 12 for informalities.

As suggested by the Office Action, claims 1 and 11 have been amended to correct the informalities, while claims 7 and 12 have been cancelled.

The Office Action objected the specification for missing the page numbers.

Applicant submits to the Office that the above-mentioned application was filed electronically, in which the formats of the specification, including margins, page numbers, etc., is automatically set by PASAT, the software for authoring specification. Applicant respectfully points out that the specification filed previously was in compliance with the formats of the electronic filing system, and the absence of the page numbers is originated from the electronic filing software. Accordingly, a copy of the formerly filed specification is enclosed.

Reconsideration and withdrawal of these objections are respectfully requested.

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Discussion for 35 USC §102 and 103 rejections

Claims 1, 4, 5, 7 and 10 were rejected under 35 USC§102(e) as being anticipated by Ference et al. (US Publication No. 2002/0070438). Claims 7 and 9 were rejected under 35 USC§102(e) as being anticipated by Hirashima et al. (US Patent No. 6,400,019). Claims 2, 8 and 11 were rejected under 35 USC§103(a) as being unpatentable over Ference. Claim 6 was rejected under 35 USC§103(a) as being unpatentable over Ference and further in view of Iseki et al. (US Patent No. 5,818,113).

Applicants would like to thank the examiner for pointing out claims 3 and 12 should be allowable, if rewritten in independent form including all of the limitations of the base claim. Applicant has amended claims 1 and 10 as suggested by the Office Action and cancelled claims 3 and 12 without prejudice. As amended, this claim recites "the first bumps are disposed around a periphery of the second bump" and clearly distinguishes the present invention over the cited references, and therefore overcome the rejections under 35 U.S.C. §102 and 103. Claims 7-9 have been cancelled. Dependent claims 2, 4-6 and 11 are submitted to be patentably distinguishable over the cited references for at least the same reasons as independent claims 1 and 10, from which these claims respectively depend, as well as for the additional features that these claims recite.

In view of the above amendment and discussions, reconsideration and withdrawal of the §102 and 103 rejections is respectfully requested.

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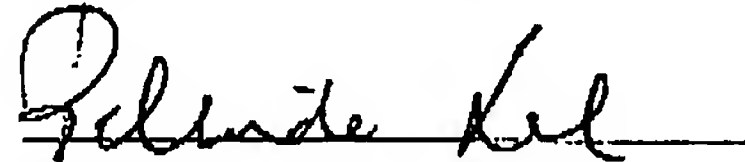
CONCLUSION

In view of the foregoing, it is believed that all pending claims are in proper condition for allowance. If the Examiner believes that a telephone conference would expedite the examination of the above-identified patent application, the Examiner is invited to call the undersigned.

Date :

May 7, 2004

Respectfully submitted,


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